#### (19) World Intellectual Property Organization International Bureau



# . 1884; \$11186; 14 6161; \$160; \$160; \$160; \$160; \$160; \$160; \$160; \$160; \$160; \$160; \$160; \$160; \$160; \$160; \$1

(43) International Publication Date 31 March 2005 (31.03.2005)

PCT

### (10) International Publication Number WO 2005/028276 A1

(51) International Patent Classification7: B65D 19/22

B62B 3/00,

(21) International Application Number:

PCT/SE2004/001339

(22) International Filing Date:

16 September 2004 (16.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0302495-7

19 September 2003 (19.09.2003)

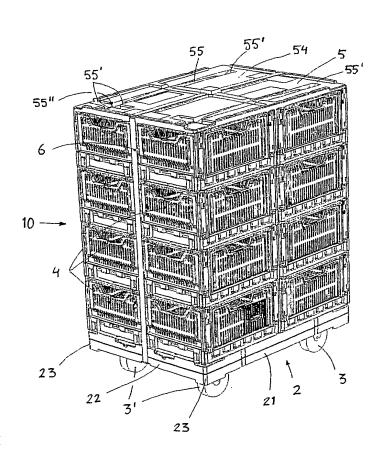
(71) Applicant (for all designated States except US): ARCA SYSTEMS INTERNAIONAL AB [SE/SE]; Box 84, S-284 22 Perstorp/SE (SE).

(72) Inventor; and

- (75) Inventor/Applicant (for US only): HOLGESSON, Magnus [SE/SE]; Furutorpsgatan 60, S-252 45 Helsingborg/SE (SE).
- (74) Agent: STENBERG, Yngve; c/o Perstorp AB, S-284 80 Perstorp (SE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: TRANSPORT ASSEMBLY



Transport assembly (10) (57) Abstract: comprising a transportation means (1) which comprises a pallet-like carrying structure (2) with two long sides (21), two short sides (22), four corners (23), an upper surface (24) and a lower surface (25). The carrying structure is provided with wheels (3) at each of the four corners (23) of which at least two of the wheels (3) possibly are of the swivel castor wheel type (3'). The upper surface (24) is furthermore provided with receiving means which are intended to receive the wheels (3) of a second transportation means (1) stacked on top of a first transportation means (1) so that a number of such transportation means may be stacked, and fixated horizontally, one on top of the other. The upper surface (24) is provided with two narrow long side channels (26) arranged parallel to the long sides (21) and stretching from one short side (22) to the other. The long side channels (26) are placed at a distance from each other which is mainly equal to the distance between the wheels (3), as seen from a short side (22), wherein transportation means (1) may be placed one on top of the other by rolling them into engagement with each other in a lengthways direction. The transport assembly (10) further comprises a plurality of containers (4) stacked on top of the transportation means (1) and a lid (5) applied on top of the stack of containers (4).

## WO 2005/028276 A1

T TRANS BUILDING IN BUILDING B

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.